

MCALL COMMUNICATION PROGRAM

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MCALL is a program designed to run under CP/M to provide telephone communications, via an acoustic coupler, between a Personal Computer (PC) and a Time Sharing Computer (TSC) or between two PC's, both running under **MCALL**. The program provides the following major functions:

1. Time Sharing Terminal emulation.
2. Disk file transfer between PC and TSC in either direction.
3. Disk file transfer between two PC's with automatic retransmission upon error detection.

System requirements: CRT display, Serial Data Port (RS232), Acoustic Coupler, Disk System operating under CP/M.

The program is currently written to support the following I/O boards:

AMD AmSYS 8/8
CROMEMCO TU-ART board
Digital Group System
Heath H-8 (almost)
IMSAI MPU-B processor
INFO 2000 DISCOMEM
JADE I/O board
Proc.Tech 3P+S
SCION Microslice
SD Systems SBC-100/200
SSM I/O-4
TDL System Monitor Boards (SMB I,II)
TEI System (Processor Terminal)
V.G. Bitstreamer II

As the result of supporting these boards the following UARTS/USARTS are supported:

Intel 8251
Motorola MC6850
National INS8250
Signetics 2651
Texas Instruments TMS5501
Texas Instruments TMS6011
various manufacturers of
AY-(3,4,5)-(1013,1014,1015)

CONTROL CHARACTERS SUPPORTED

ESC B	TRANSMIT A "BREAK"
ESC D	DUPLEX MODE SELECTION
ESC E	EXIT CURRENT MODE
ESC F	FILE NAME FOR TX/RX
ESC H	HELP-DISPLAY THIS MENU
ESC P	PROTOCOL SELECTION
ESC R	RECEIVE (RX) A DISK FILE FROM REMOTE DEVICE
ESC S	SIGNAL (BAUD) RATE SELECTION
ESC T	TRANSMIT A DISK FILE TO REMOTE DEVICE
ESC W	WRITE BIG_BUFFER TO DISK
ESC ?	WHAT IS PRESENT SYSTEM CONFIGURATION ?
ESC +	CONTROL CHARACTER DISPLAY TOGGLE_SWITCH
ESC ESC	SEND AN ASCII ESC CHARACTER TO REMOTE DEVICE

The source file (MCALL.ASM) which is provided is 92K of extensively commented 8080 code which will assemble under ASM.COM in a 16K CP/M system to produce an 8K command file (MCALL.COM).

MCALL includes a 25 page operating manual along with the 8 inch CP/M disk which contains MCALL.ASM, MCALL.COM, and a number of useful utility routines.

Package Price \$75
To order or obtain
additional information
please contact:

MICRO-CALL SERVICES
9655-M Homestead Court
Laurel, MD. 20810
(301) 776-5253

Note: A program to support D.C.Hayes, IDS, and Potomac Micro Magic boards is soon to be released.